IN THE CLAIMS

Please take action regarding the claims so that the status is as follows:

1. (Previously Presented) An electrical power supply system for an electrically powered motor vehicle, said vehicle including an electric motor, a transmission device for transmitting energy between the drive wheels and the motor, and electrical accessories, in particular an air-conditioning device, said system comprising a first rechargeable battery serving to power the electric motor and a second rechargeable battery serving to power the electrical accessories of the vehicle, said system being characterized in that the first battery and the second battery are connected in parallel to said motor via a switch device, said switch device being arranged to switch the current for powering the motor from the first battery to the second battery and conversely as a function of at least one energy threshold, said energy threshold being a predetermined value for which the energy delivered by the first battery is not sufficient for the motor to have the power necessary to move the vehicle.

2. (Currently Amended) A system according to claim 1, ~~characterized in that~~ wherein the first battery is a battery of the Lithium-ion or Lithium-ion-polymer type.

3. (Currently Amended) A system according to claim 1, ~~characterized in that~~ wherein the second battery is a battery of the Lithium-metal-polymer type.

4. (Currently Amended) A system according to claim 1, ~~characterized in that~~ wherein the first battery is capable of delivering power ~~lying approximately~~ in the range of 40 kW to 55 kW.

5. (Currently Amended) A system according to claim 1, ~~characterized in that~~ wherein the second battery is capable of delivering power of about 15 kW.

6. (Currently Amended) A method of controlling an electrical power supply system for an electrically powered motor vehicle according to claim 1, ~~said method being characterized in that it consists in~~ wherein:
   - ~~acting,~~ when the energy delivered by the first battery is greater than a discharge energy threshold, to cause the motor to be powered by the first battery so as to drive the drive wheels via the transmission device; and
   - ~~acting,~~ when the energy delivered by the first battery is less than the discharge energy threshold, to activate the switch device so as to cause the motor to be powered by the second battery, and so as to drive the wheels via the transmission device.

7. (Currently Amended) A method according to claim 6, ~~characterized in that it further consists in~~ wherein:
   - ~~acting,~~ when the energy necessary for the motor is greater than a low energy threshold, to cause the motor to be powered by the first battery so as to drive the drive wheels via the transmission device; and
   - ~~acting,~~ when the energy necessary for the motor is less than the low energy threshold, to activate the switch device so as to cause the motor to be powered by the second battery and so as to drive the wheels via the transmission device.

8. (Currently Amended) A method according to claim 6, ~~characterized in that~~ wherein it further ~~consists~~ includes in acting, in the event of deceleration, ~~to cause~~ causing the switch device to be activated so as to deliver a recharging

current ~~essentially~~ to the first battery by transmission of energy from the wheels to the motor.

9. (Currently Amended) An electrically powered motor vehicle including electrical accessories, wherein said motor vehicle ~~being characterized in that it~~ includes an electrical power supply system according to claim 1.